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PATENT
Docket No: CX03022USU (04CXT0006D)
Serial No.: 10/751,013

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

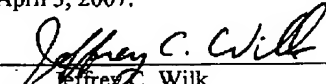
APPLICANTS: Weinan Gao
SERIAL NO.: 10/751,013
DATE FILED: December 31, 2003
CONFIRMATION NO.: 5518
TITLE: DC OFFSET CORRECTION FOR DIRECT-CONVERSION RECEIVER

DOCKET NO.: CX03022USU (04CXT0006D)
GROUP ART UNIT: 2618
EXAMINER: Vo, Nguyen Thanh
CUSTOMER NO. 34408

CERTIFICATE OF TRANSMISSION

I hereby certify that this document (along with other documents hereby referred to as attached or enclosed) is being transmitted via facsimile to the United States Patent and Trademark Office, Fax No. (571) 273-8300, on April 3, 2007.

April 3, 2007


Jeffrey C. Wilk

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

**RESPONSE TO OFFICE ACTION MAILED
OCTOBER 3, 2006 AND AMENDMENT UNDER 37 CFR 1.111**

This paper is responsive to the Office Action dated October 3, 2006, for which a shortened statutory period for reply expired on January 3, 2007. Applicants submit herewith a Petition for Extension of Time with the appropriate fee for extending the time to reply to April 3, 2007, together with a Request for Continued Examination ("RCE"). Accordingly, the present amendment is believed to have been timely filed under MPEP 710.05.

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Claims 1-13 and 15-31 are currently pending in the present Patent Application. Claims 25-27 are objected to as being incorrectly numbered. The Examiner has rejected claims 1-3, 7, 12, 13, 18, 19, and 22 under 35 U.S.C. § 102(e) and claims 5, 6, 10, 11, 16, 17, 23, 24, 26-28, and 30 under 35 U.S.C. § 103(a). Claims 4, 8, 9, 15, 20, 21, 25, 29, and 31 are objected to, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

In the non-final Office Action mailed September 12, 2005, claims 1-42 were rejected under 35 U.S.C. § 103(a). In his response to this non-final Office Action mailed September 12, 2005, applicant traversed the Examiner's 35 U.S.C. § 103(a) rejections without amending any claims. In the Final Office Action mailed October 3, 2006, the Examiner rejected applicant's arguments, and claims 1-42 remain rejected. Accordingly, in order to expedite the prosecution of the present application, applicant has amended claim 1 and canceled claim 3. Applicant, however, reserves the right to present the amended and/or canceled claims in their original form in one or more continuation applications.

Applicant believes that no new matter has been added by the following amendments. Applicant asks that the Examiner enter the amendments and reconsider the identified patent application in view of the amendments and remarks contained in this response. Favorable reconsideration is respectfully requested in view of the following Amendments and Remarks.